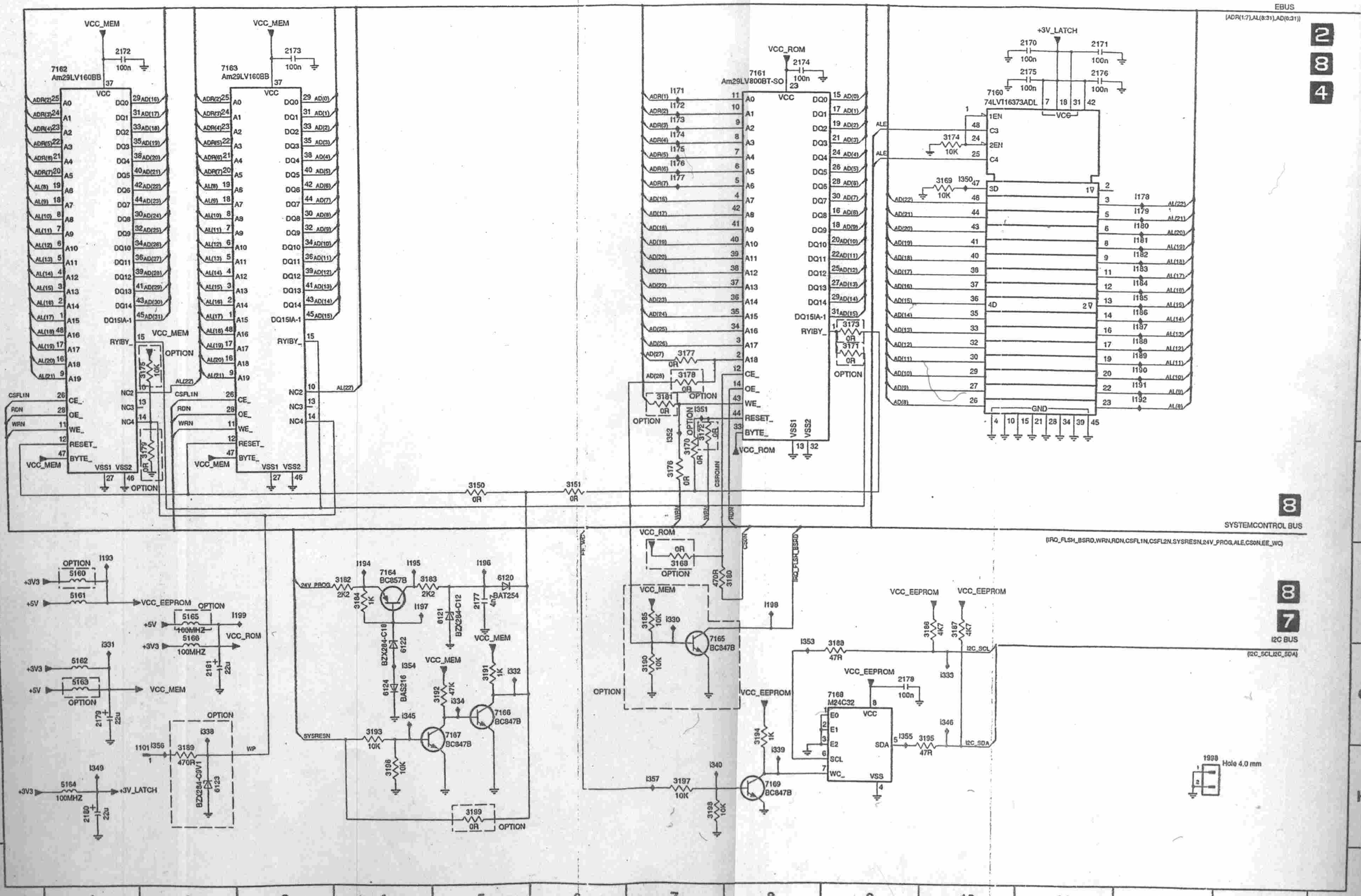
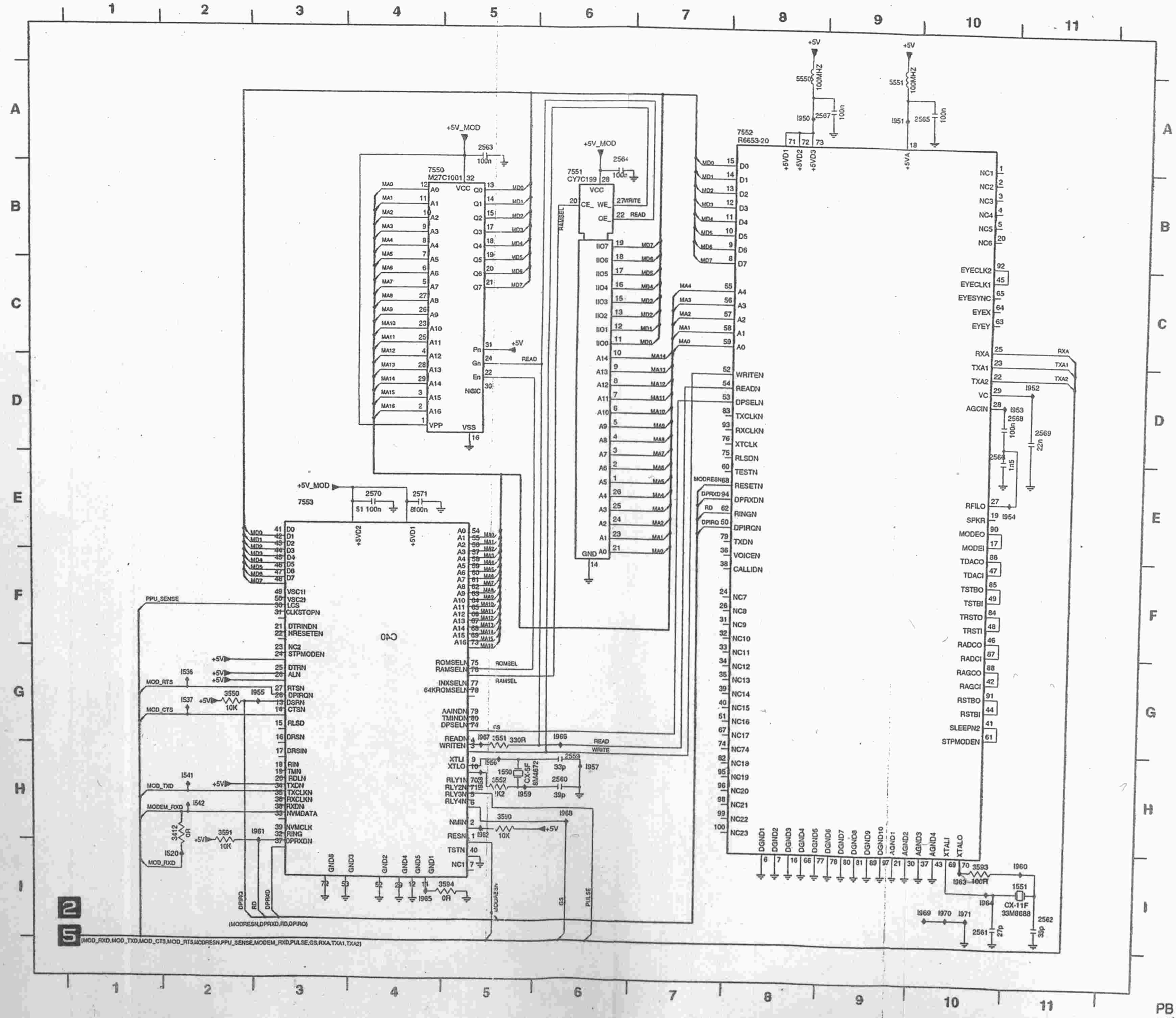
1 FLASH & EEPROM & LATCH

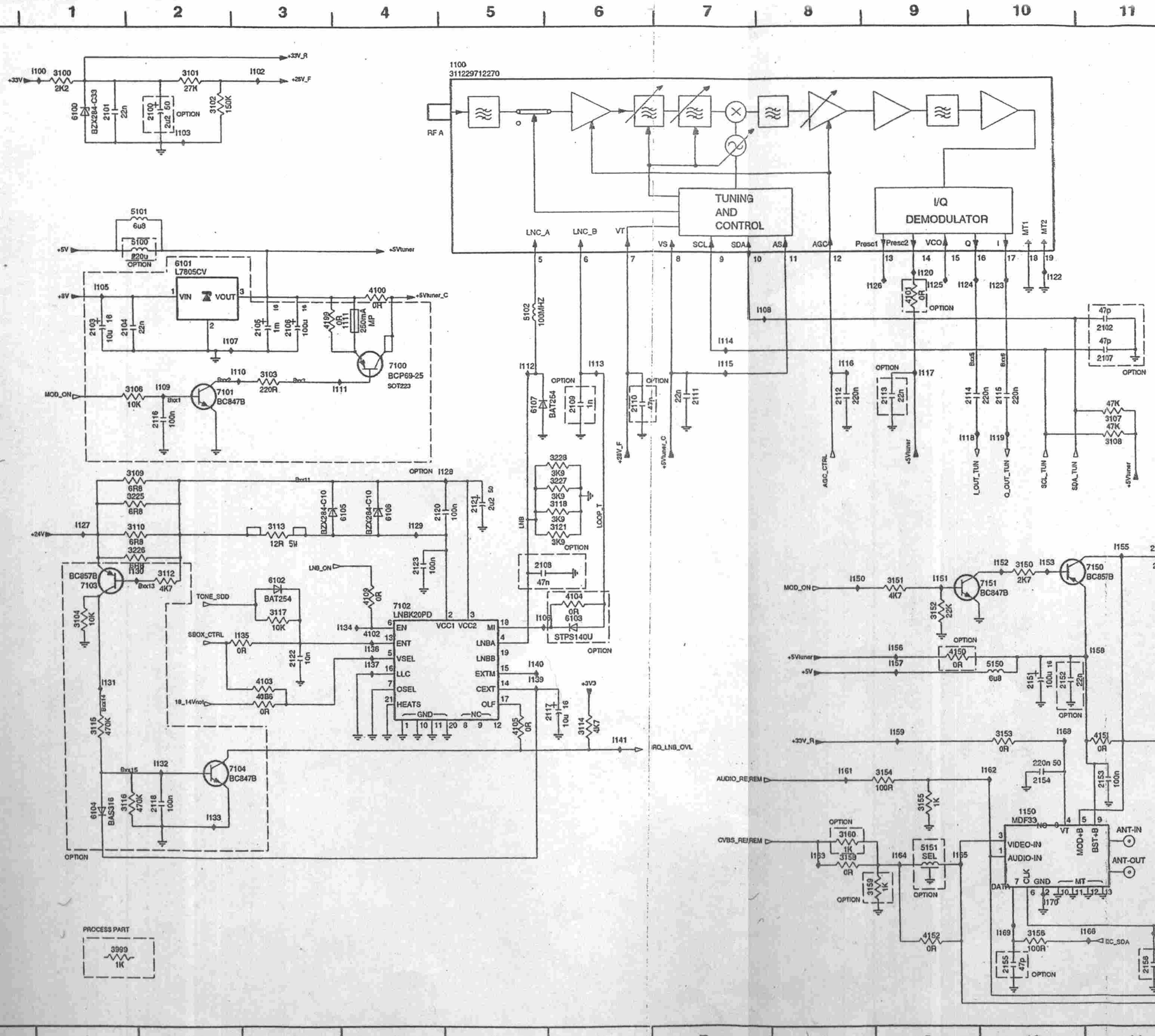
1101 H1 1102 D5 1103 D6 1998 H12 | 1XXX F4 2170 A11 2171 A11 2172 A1 | 2173 A3 2174 A8 2175 A11 2176 A11 | 2177 F5 2178 G9 2179 G1 2180 H1 | 2181 G2 3150 E5 3151 E8 3168 F7 | 3169 B10 3170 E7 3171 D9 3172 D7 | 3173 C9 3174 B10 3175 D2 3176 E7 | 3177 D7 3178 D7 3179 E2 3180 F8 | 3181 D8 3182 F4 3183 F5 3184 F4 | 3185 F7 3186 F10 3187 F10 3189 G9 | 3189 H2 3190 G7 3191 G5 3192 G5 | 3193 G4 3194 G8 3195 H10 3196 H4 | 3197 H7 3198 H7 3199 H5 5160 F1 | 5161 F1 5162 G1 5163 G1 5164 H1 | 5165 F2 5166 G2 6120 F5 6121 F5 | 6122 G4 6123 H2 6124 G4 7160 A10 | 7161 A8 7162 A1 7163 A2 7164 F4 | 7165 G7 7166 G5 7167 G5 7168 G9 | 7169 H8 I171 A7 I172 A7 I173 A7 | I174 B7 I175 B7 I176 B7 I177 B7 | I178 B12 I179 B12 I180 B12 I181 C12 | I182 C12 I183 C12 I184 C12 I185 C12 | I186 C12 I187 C12 I188 D12 I189 D12 | I190 D12 I191 D12 I192 D12 I193 F1 | I194 F4 I195 F5 I196 F5 I197 F4 | I198 F8 I199 F3 I330 B10 I331 G5 | I332 G5 I333 G10 I334 H7 I335 G10 | I338 G2 I339 H8 I340 H7 I345 G4 | I346 G10 I349 H1 I350 G8 I351 H7 | I352 G10 I353 G8 I354 H7 I355 G9 | I356 H2 I357 H7 I330 F7 I334 G5 | I345 G4





1550 H5
1551 I11
1552 H6
1553 H11
2559 H6
2560 H6
2561 I10
2562 I11
2563 A5
2564 A6
2565 A9
2566 D10
2567 A8
2568 D11
2569 D11
2570 E4
2571 E4
3412 H2
3550 G2
3551 G5
3552 H5
3590 H5
3591 H2
3593 I10
3594 I5
5550 A9
5551 A9
7550 B4
7551 B6
7552 A8
7553 E3
I520 I2
I536 G2
I537 G2
I541 H2
I542 H2
I950 A8
I951 A9
I952 D11
I953 D11
I954 E10
I955 G3
I956 H5
I957 H6
I958 H5
I959 H5
I960 H11
I961 H3
I962 H5
I963 I10
I964 I10
I965 I4
I966 G6
I967 G5
I968 H6
I969 I10
I970 I10
I971 I10

1 TUNER + LNBK PART



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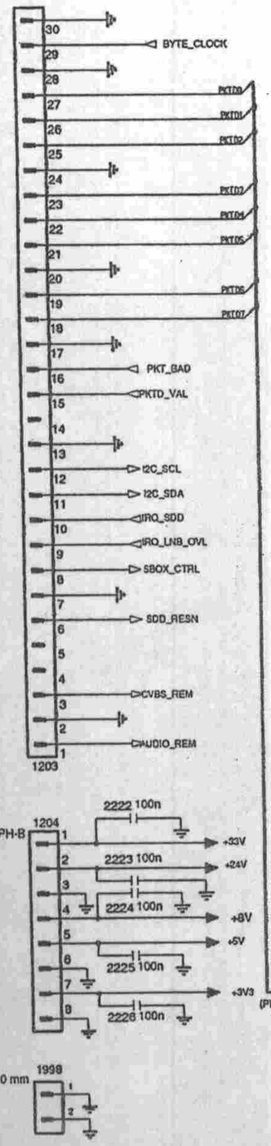
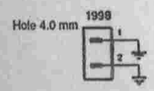
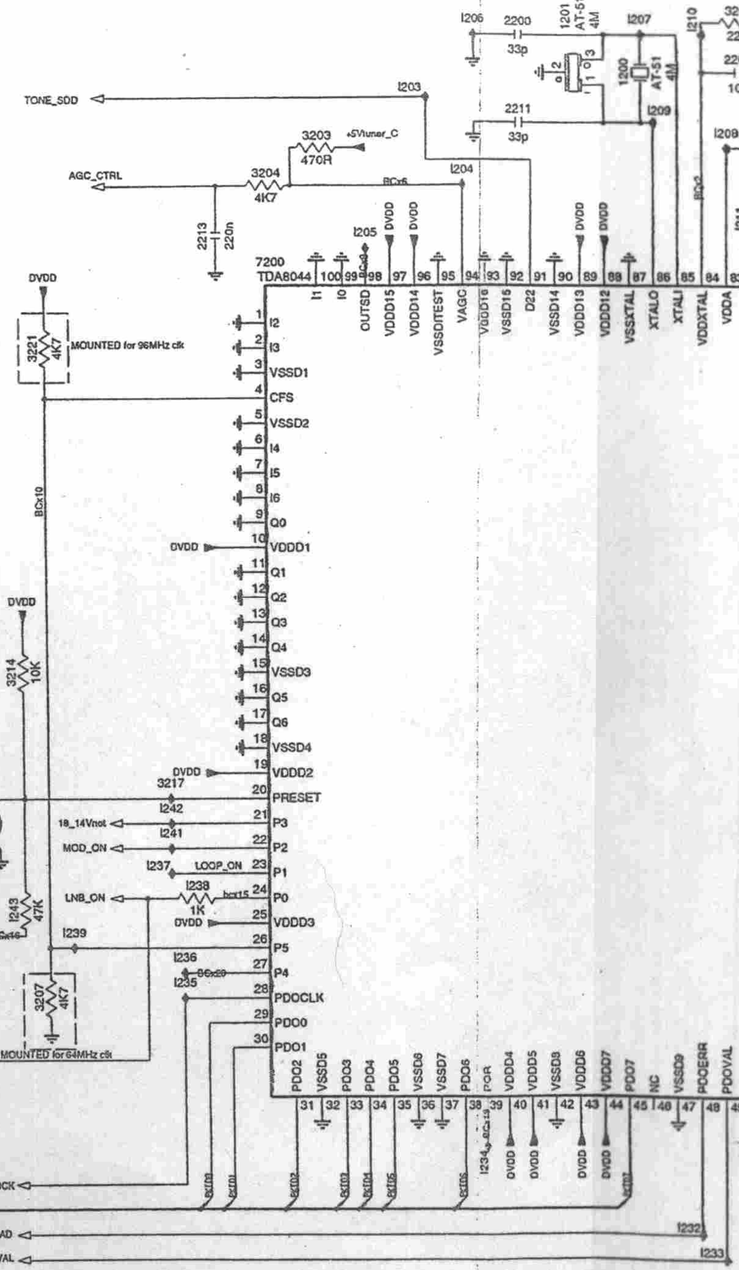
1111 C4	I113 C6	2101 A1	I117 D9
1150 H10	I114 C7	2102 C11	I118 D9
1151 H13	I115 C7	2103 C1	I119 D10
2100 A2	I116 C9	2104 C1	I120 C9
2101 A1	I117 D9	2105 C3	I122 C10
2102 C11	I118 D9	2106 C3	I123 C10
2103 C1	I119 D10	2107 C11	I124 C9
2104 C1	I120 C9	2108 E5	I125 C9
2105 C3	I122 C10	2109 D6	I126 C9
2106 C3	I123 C10	2110 D6	I127 E1
2107 C11	I124 C9	2111 D7	I128 D5
2108 E5	I125 C9	2112 D8	I129 E4
2109 D6	I126 C9	2113 D9	I130 E2
2110 D6	I127 E1	2114 D9	I131 F1
2111 D7	I128 D5	2115 D10	I132 G2
2112 D8	I129 E4	2116 D2	I133 H2
2113 D9	I130 E2	2117 G8	I134 F4
2114 D9	I131 F1	2118 H2	I135 F4
2115 D10	I132 G2	2120 E4	I136 F4
2116 D2	I133 H2	2121 E5	I137 F4
2117 G8	I134 F4	2122 F3	I139 F5
2118 H2	I135 F4	2150 E11	I140 F5
2120 E4	I136 F4	2151 F10	I150 E8
2121 E5	I137 F4	2152 F10	I151 E9
2122 F3	I139 F5	2153 G11	I152 E10
2123 E5	I140 F5	2154 G10	I153 E10
2150 E11	I150 E8	2155 I10	I155 E11
2151 F10	I151 E9	2156 I11	I156 F9
2152 F10	I152 E10	2XXX E4	I157 F9
2153 G11	I153 E10	3100 A1	I158 F11
2154 G10	I155 E11	3101 A2	I159 G9
2155 I10	I156 F9	3102 A2	I160 G10
2156 I11	I157 F9	3103 D3	I161 G3
2XXX E4	I158 F11	3104 F1	I162 G10
3100 A1	I159 G9	3106 D2	I163 H8
3101 A2	I160 G10	3107 D11	I164 H9
3102 A2	I161 G3	3108 D11	I165 H9
3103 D3	I162 G10	3109 E2	I166 I11
3104 F1	I163 H8	3110 E2	I167 I2
3106 D2	I164 H9	3112 E2	I168 I11
3107 D11	I165 H9	3113 E3	I169 I10
3108 D11	I166 I11	3114 G6	I170 I10
3109 E2	I167 I2	3115 G1	DXXX G6
3110 E2	I168 I11	3116 H1	
3112 E2	I169 I10	3117 F3	
3113 E3	I170 I10	3118 E6	
3114 G6	DXXX G6	3121 E6	
3115 G1		3150 E10	
3116 H1		3151 F9	
3117 F3		3152 F9	
3118 E6		3153 G10	
3121 E6		3154 G9	
3150 E10		3155 H9	
3151 F9		3156 I10	
3152 F9		3157 I11	
3153 G10		3158 H8	
3154 G9		3159 H8	
3155 H9		3160 H8	
3156 I10		3XXX I1	
3157 I11		3XXX E2	
3158 H8		3XXX E2	
3159 H8		3XXX D6	
3160 H8		3XXX E6	
3XXX I1		4100 C4	
3XXX E2		4101 C9	
3XXX E2		4102 F3	
3XXX D6		4103 F3	
3XXX E6		4104 F6	
4100 C4		4105 G5	
4101 C9		4106 G3	
4102 F3		4109 F4	
4103 F3		4150 F9	
4104 F6		4151 G11	
4105 G5		4152 I9	
4106 G3		4199 C3	
4109 F4		5100 B2	
4150 F9		5101 B2	
4151 G11		5102 C5	
4152 I9		5150 F10	
4199 C3		5151 H9	
5100 B2		6100 A1	
5101 B2		6101 C2	
5102 C5		6102 F3	
5150 F10		6103 F6	
5151 H9		6104 H1	
6100 A1		6200 D5	
6101 C2		6XXX E4	
6102 F3		6XXX E4	
6103 F6		7100 C4	
6104 H1		7101 D2	
6200 D5		7102 F4	
6XXX E4		7103 F1	
6XXX E4		7104 G2	
7100 C4		7150 E11	
7101 D2		7151 F10	
7102 F4		I100 A1	
7103 F1		I102 A3	
7104 G2		I103 A2	
7150 E11		I105 C1	
7151 F10		I106 F5	
I100 A1		I107 C2	
I102 A3		I108 C6	
I103 A2		I109 D2	
I105 C1		I110 D3	
I106 F5		I111 D4	
I107 C2			
I108 C6			
I109 D2			
I110 D3			
I111 D4			

2 SDD PART

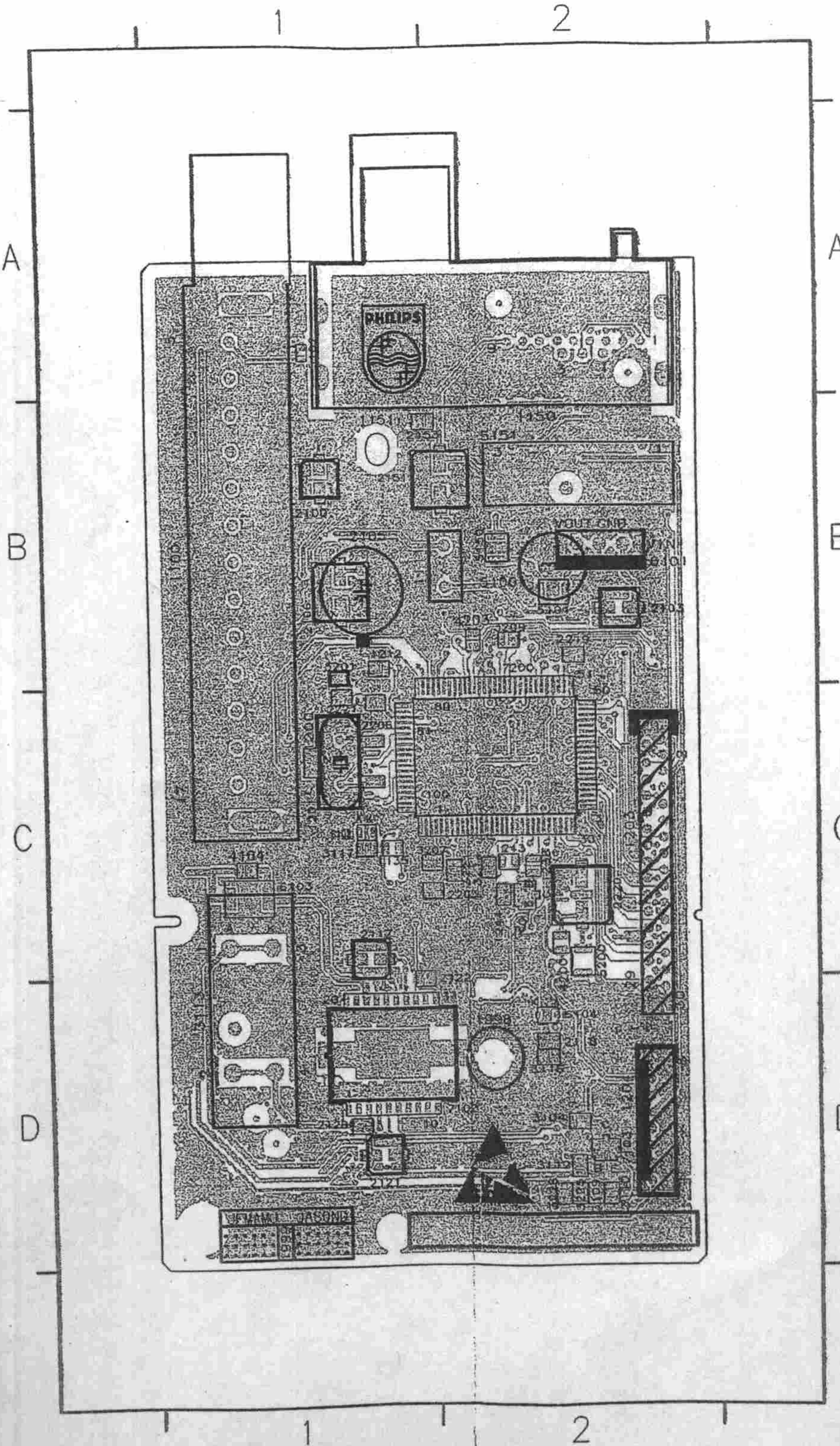




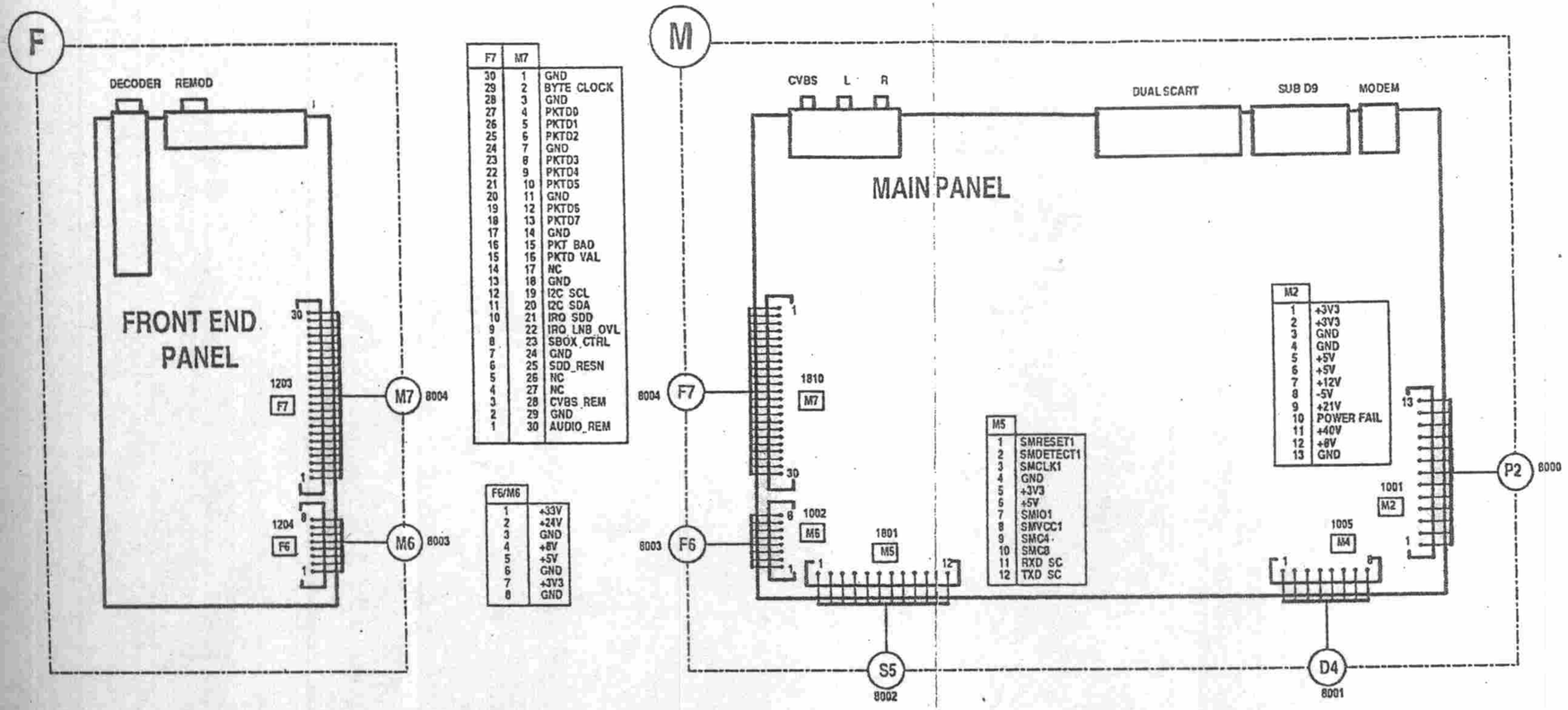


1200 A8
1201 A7
1203 F1
1204 G1
1998 H1
2200 A7
2201 A9
2203 B12
2205 B12
2206 A9
2207 B12
2208 B13
2209 B13
2210 B13
2211 A7
2213 B5
2214 B9
2215 B9
2216 C10
2217 F4
2218 G9
2219 G10
2220 B12
2221 A9
2222 G1
2223 G1
2224 G1
2225 H1
2226 H1
3200 A8
3203 B6
3204 B5
3205 B8
3206 B9
3207 G4
3208 E12
3209 E12
3214 E4
3215 F3
3216 F5
3217 F4
3218 F10
3219 G10
3220 G10
3221 C4
3222 D10
3223 D10
3224 D11
4200 A11
4203 D10
5200 A11
5201 B10
6200 F11
7200 B5
7201 F3
7202 F4
I200 A11
I201 A13
I202 B12
I203 A6
I204 B7
I205 B6
I206 A7
I207 A8
I208 B8
I209 A8
I210 A8
I211 B8
I212 C9
I213 C9
I214 D9
I215 G8
I219 E11
I220 E11
I225 F10
I226 F10
I227 G10
I228 F11
I230 G9
I232 H9
I233 H9
I234 G7
I235 F5
I236 F5
I237 F5
I238 F4
I239 F4
I241 F5
I242 E5
I243 E5
I244 E4
I245 E3
I246 D12
I247 D12
I248 D12
I249 E13
I250 E13
P222 F10
P223 F10
P224 F10

FRONTEND PCB TOP VIEW

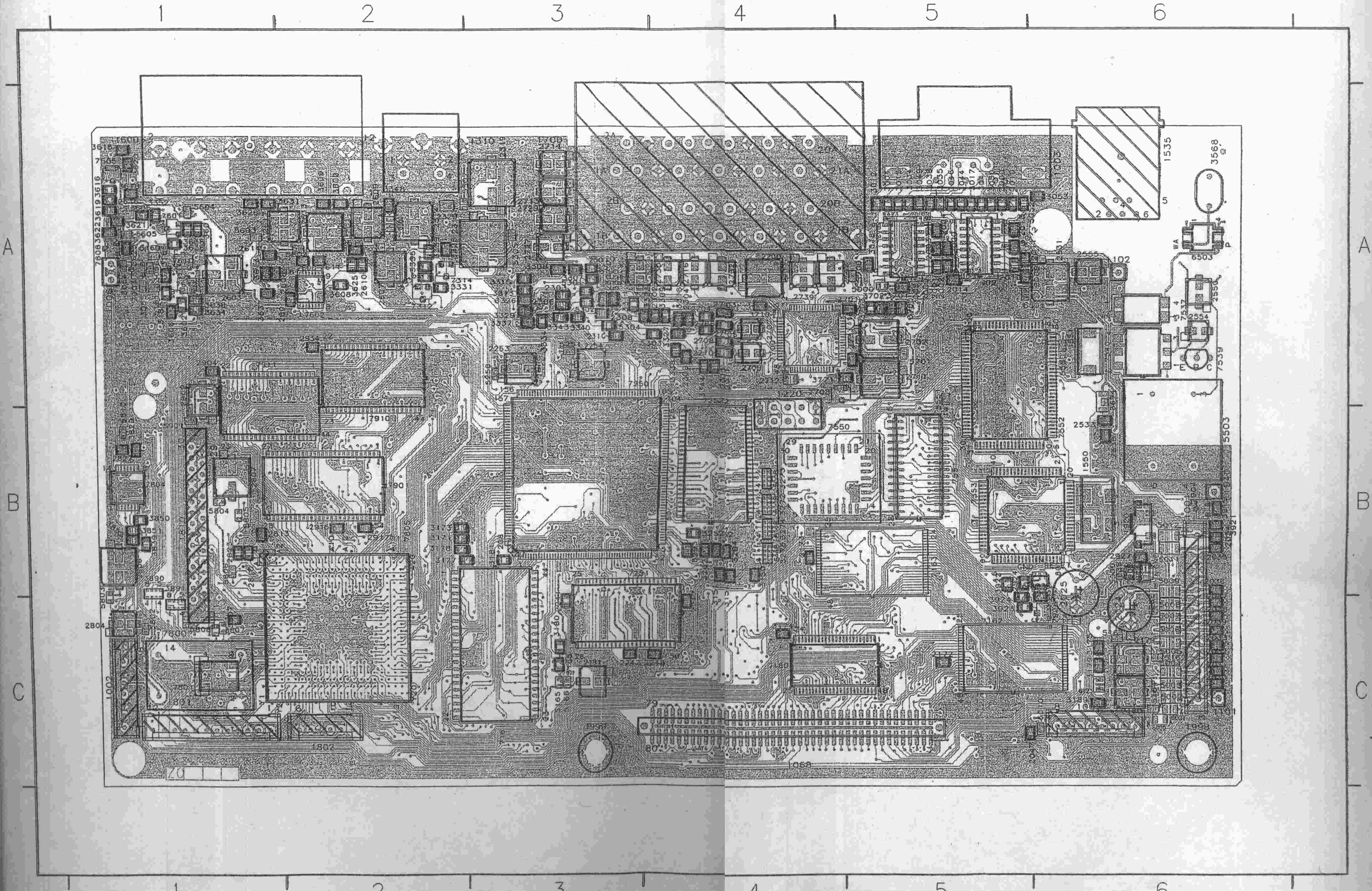


1100	B1
1111	B1
1150	B2
1151	B1
1200	C1
1201	C1
1203	C2
1204	D2
2100	B1
2103	B2
2105	B1
2106	B1
2117	C1
2118	D2
2120	D1
2121	D1
2122	D2
2151	B1
2153	B1
2203	C2
2206	C1
2214	B1
2217	C2
2219	B2
2220	C2
2221	C1
3104	D2
3109	D2
3110	D2
3112	D2
3113	D1
3116	D2
3117	C1
3205	B1
3207	C1
3209	B2
3214	C2
3216	C2
3217	C2
3221	C2
3225	D2
3226	D2
4102	C1
4104	C1
4200	D2
4203	B2
5100	B2
5101	B2
5102	A1
5150	B2
5151	B2
5200	C2
5201	B1
6101	B2
6102	C1
6103	C1
6104	D2
7102	D2
7103	D2
7200	B2
7201	C2

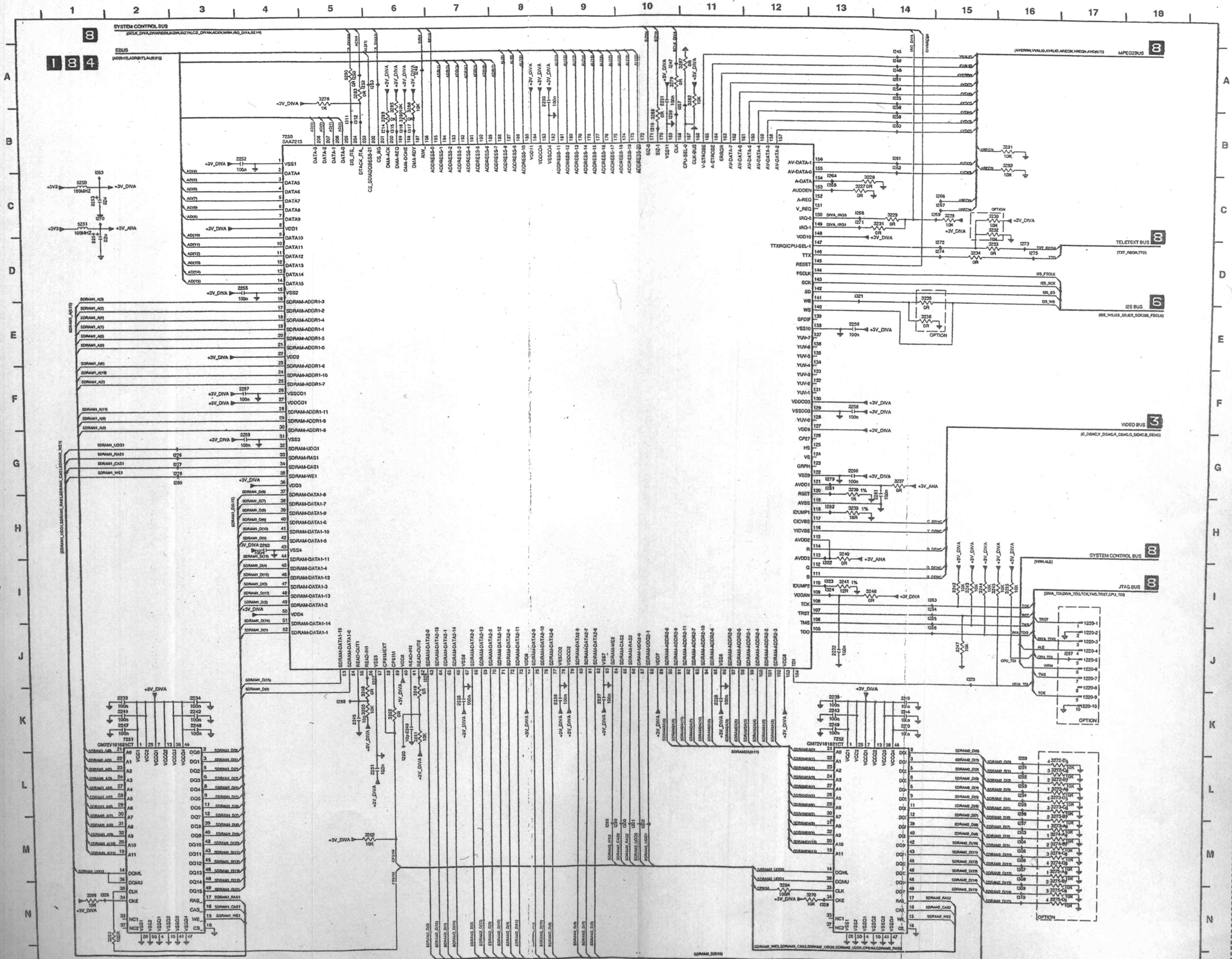


8522 512 00033 132
9911

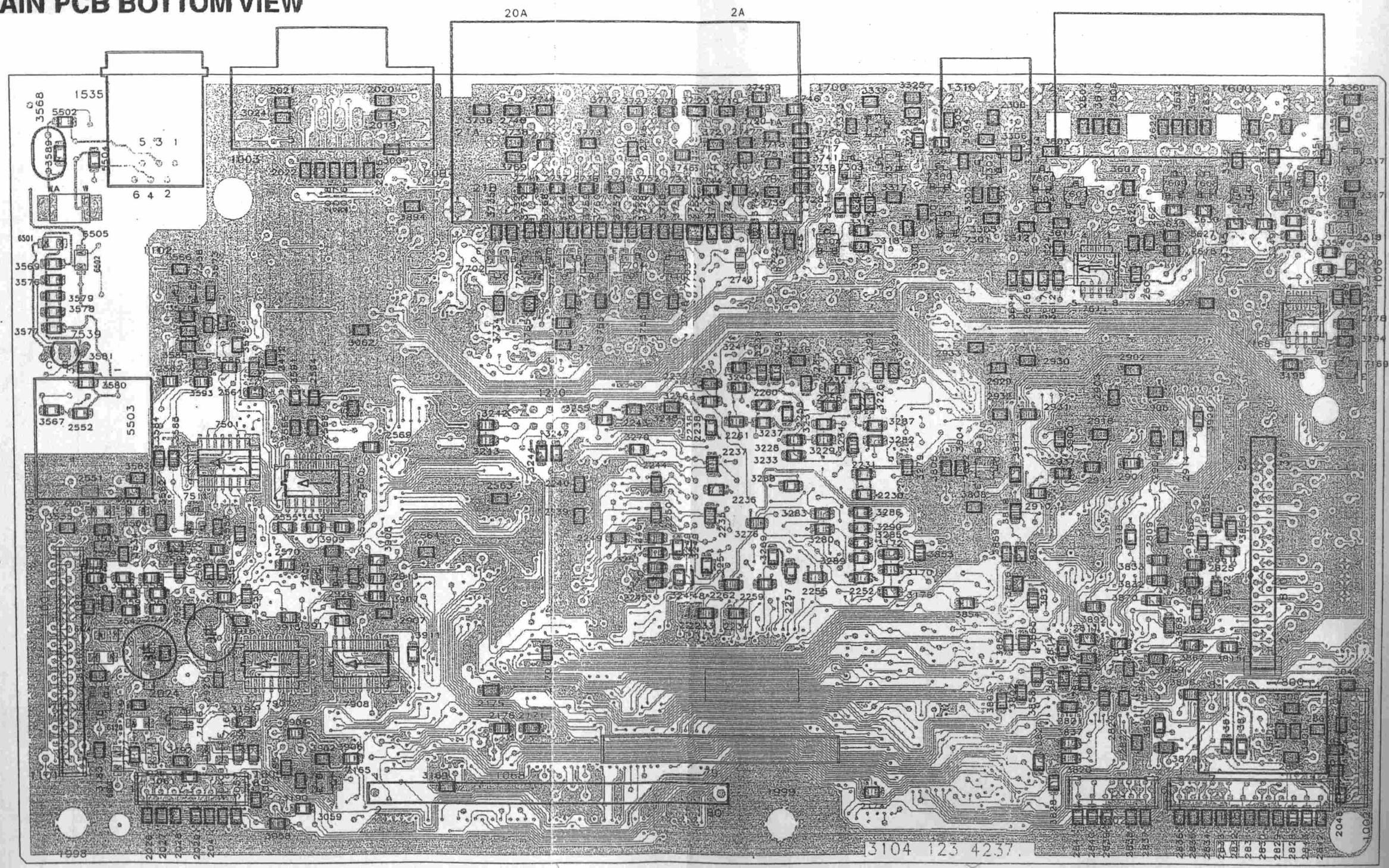
MAIN PCB TOP VIEW



2 DIVA PART


SYSTEM CONTROL BUS
EBUS
MPEG2BUS
TELETEXT BUS
I2S BUS
VIDEO BUS
SYSTEM CONTROL BUS
JTAG BUS
7250 SAA7215
7251 GM72V16162CT
7252 GM72V16162CT
SDRAM-ADDR1-0
SDRAM-ADDR1-1
SDRAM-ADDR1-2
SDRAM-ADDR1-3
SDRAM-ADDR1-4
SDRAM-ADDR1-5
SDRAM-ADDR1-6
SDRAM-ADDR1-7
SDRAM-ADDR1-8
SDRAM-ADDR1-9
SDRAM-ADDR1-10
SDRAM-ADDR1-11
SDRAM-DATA1-0
SDRAM-DATA1-1
SDRAM-DATA1-2
SDRAM-DATA1-3
SDRAM-DATA1-4
SDRAM-DATA1-5
SDRAM-DATA1-6
SDRAM-DATA1-7
SDRAM-DATA1-8
SDRAM-DATA1-9
SDRAM-DATA1-10
SDRAM-DATA1-11
SDRAM-DATA1-12
SDRAM-DATA1-13
SDRAM-DATA1-14
SDRAM-DATA1-15
OPTION

MAIN PCB BOTTOM VIEW



3 CVBS & Y/C BACKEND

VIDEO BUS ENC **7**

(ENC_B,ENC_R,ENC_G,ENC_C,ENC_Y,ENC_CVBS)

2 VIDEO BUS

(Y_DENC,G_DENC,R_DENC,G_DENC,B_DENC)

Y_DENC — U4 3308 100R — 3307 0R — U5 2301 330p — 5300 3u9 — U6 2302 330p — 3309 75R — ENC_Y

C_DENC — I361 — 3315 100R — 3313 0R — I362 — 2303 330p — 5301 3u9 — I363 — 2304 330p — 3316 75R — ENC_C

R_DENC — I369 — 3329 39R — 3326 680R — I370 — 2306 100p — 5302 15u — I371 — 2307 100p — 3330 2K2 — I372 — ENC_R

G_DENC — I376 — 3337 39R — 3334 680R — I377 — 2308 100p — 5303 15u — I378 — 2309 100p — 3336 2K2 — ENC_G

B_DENC — I380 — 3343 39R — 3340 680R — I381 — 2310 100p — 5304 15u — I382 — 2311 100p — 3344 2K2 — ENC_B

All GNDA

ONLY USED FOR DSX 6010: 3311 0R — ENC_CVBS

ONLY USED FOR DSX 3150: ENC_C

ONLY USED FOR DSX 3150: I366 — 3323 0R — ENC_CVBS

ONLY USED FOR DSX 3150 / ONLY USED FOR DSX 6010: 3327 0R — ENC_R

ONLY USED FOR DSX 6010

	DSX6010	DSB 3150
3330	2K2	75R
3329	39R	100R
3328	680R	0R
5302	15µ	3µ9
2306	100p	330p
2307	100p	330p

-5V_VIDEO — 3348 120R — I387 — 100u 2314 — 6300 BZX284-C2V4 — -2V4

+5V — 5305 100MHZ — I389 — 2315 330u — +5V_VIDEO

-5V — 5307 100MHZ — I392 — 330u 2319 — -5V_VIDEO

ENC_Y — +5V_VIDEO — 3300 330R — U2 — 7301 BC847B — 3301 100R — BC857B 7300 — U3 — 3302 47R — 3303 390R — 3304 100R — 7302 BC847B U7 — I358 — 3305 390R — U9 — -2V4 — I359 — 3310 470R — -5V_VIDEO

ONLY USED FOR DSX 3150

ENC_C — +5V_VIDEO — 3312 330R — I360 — 7304 BC847B — 3314 100R — BC858B 7303 — 3317 100R — 7311 BC847B — 3322 470R — -5V_VIDEO

-2V4 — 3318 390R — 3319 47R — I397 — 3320 390R — I367 — I369

2322 220n — I365 — 3321 75R — 2305 220p — GNDA — I364

U8 3306 75R — GNDA — 2300 220p — GNDA

1310 SVHS: 1 GNDA, 2 Y, 3 C, 4, 5 GNDA, 6 GNDA, 7

ENC_CVBS — +5V_VIDEO — 3328 330R — 7314 BC847B — 3331 100R — I373 — 7312 BC857B — 3335 47R — 3336 390R — I379 — 3339 390R — -2V4

+5V_VIDEO — 3324 2K2 — 3325 8K2 — I374 — WSS — I375 — 3332 10K — 7313 BC847B — 3333 10K — GNDA GNDA

I383 — 3341 100R — I399 — 7315 BC847B — I384 — 3342 75R — 1600-2 4 YKC21-3930-3864 — GNDA — CVBS_CINCH_A 3 — CVBS_CINCH_A — 2312 220p — GNDA — 3345 1K — I385 — -5V_VIDEO

OPTION

+5V_VIDEO — 3346 100R — I400 — 7316 BC847B — I386 — 3347 75R — 1600-1 2 YKC21-3930-3864 — GNDA — CVBS_CINCH_B 1 — CVBS_CINCH_B — 2313 220p — GNDA — 3349 1K — I388 — -5V_VIDEO

+5V_VIDEO — 3350 100R — 7317 BC847B — 3351 75R — I390 — CVBS_REM — TO FRONT END PCB **8** — 3352 75R — GNDA — 3353 1K — -5V_VIDEO

I391 — 5306 4u7 — 2317* 12p — GNDA — 2316* 100n — I393 — 3354 0R — 2318* 2n2 — 2320* 3n3 — GNDA — 2321* 100n — GNDA

	PAL	NTSC
2317	12p	----
2316	330p 1%	330p 1%
2318	----	2n2 5%
3354	0R	----
2320	----	3n3
2321	330p 1%	----

U2 A8, U3 B7, U4 B2, U5 B3, U6 B3, U7 B9, U8 B12, U9 B6, 1310 B13, 1600-1 G12, 1600-2 E13, 2300 B13, 2301 B3, 2302 B3, 2303 C3, 2304 C3, 2305 C13, 2306 D3, 2307 D3, 2308 E3, 2309 E3, 2310 F3, 2311 F3, 2312 F12, 2313 G12, 2314 G3, 2315 H3, 2316 H10, 2317 H10, 2318 I10, 2319 I9, 2320 I10, 2321 I11, 2322 C12, 3300 A7, 3301 A7, 3302 B7, 3303 B7, 3304 B8, 3305 B7, 3306 B12, 3307 B2, 3308 B2, 3309 B4, 3310 B8, 3311 B4, 3312 C9, 3313 C2, 3314 C10, 3315 C2, 3316 C4, 3317 C10, 3318 C9, 3319 C10, 3320 C10, 3321 C13, 3322 C11, 3323 D4, 3324 D12, 3325 D12, 3326 D2, 3327 D4, 3328 D7, 3329 D2, 3330 D4, 3331 D9, 3332 D11, 3333 D12, 3334 E2, 3335 E8, 3336 E8, 3337 E2, 3338 E4, 3339 E7, 3340 F2, 3341 E9, 3342 E10, 3343 F2, 3344 F4, 3345 F9, 3346 G9, 3347 G10, 3348 G2, 3349 G10, 3350 H9, 3351 H10, 3352 H10, 3353 H9, 3354 I11, 5300 B3, 5301 C3, 5302 D3, 5303 E3, 5304 F3, 5305 H2, 5306 H11, 5307 I2, 6300 G3, 7300 A8, 7301 B7, 7302 B8, 7303 C10, 7304 C9, 7311 C11, 7312 D8, 7313 D12, 7314 D7, 7315 E9, 7316 G10, 7317 H9, I358 B8, I359 B7, I360 C10, I361 C2, I362 C3

I363 C3, I364 C13, I365 C12, I366 C5, I367 D9, I368 D10, I369 D2, I370 D3, I371 D3, I372 D5, I373 D9, I374 D12, I375 D12, I376 E2, I377 E3, I378 E3, I379 E8, I380 E2, I381 E3, I382 E3, I383 E9, I384 E10, I385 F10, I386 G10, I387 G3, I388 G10, I389 H4, I390 H10, I391 H10, I392 H4, I393 H11, I397 C10, I399 E9, I400 G9, I401 H9

PB 4222 SMART CARD

3999 0R

7999 BC857B

PROCESS PARTS

+5V

BAS216 6000

BAS216 6001

I100

3000 100R

I101

3013 470R

1001-1 7434L04

17

18

+3V3 +5V

5000 100MHZ

5001 100MHZ

2000 100n

2001 100n

I104 I105 I106 I107

2003 100n

7000 TDA8004

21 6 7 5

VDD VDDP S1 S2

SUPPLY REF V-SENSE

STEP-UP CONV

OSC

GNDP 4

VUP 8

VCC 17

GNDC 14

RST 16

RFU1 3

CLK 15

PRES 10

PRES_ 9

AUX1 13

AUX2 12

IIO 11

GND 22 NC 18

I109

2005 100n

2006 100n

I1010

OPTION 3010 0R

23 OFF_

20 RSTIN

19 CMDVCC_

1 CLKD1

2 CLKD2

24 XT1

25 XT2

CLOCK

OSC

SEQUENCER

VCC GEN

RST BUFF

CLCK BUFF

I/O TRANSC'S

27 AUX1UC

28 AUX2UC

26 IIOUC

I1011

I1014

I1017

I1021

I1024

I1026

+3V3

3015 10K

+5V

1001-21 7434L04

2008 100n

+5V

I1022

3014 0R

2007 100n

I102

1000-5 5 +3V3

I103 2002 47u

1000-4 4

I108

1000-6 6 +5V

2004 47u

+3V3 +3V3 +3V3 +3V3 +3V3

3001 10K 3002 10K 3003 10K OPTION 3004 10K 3005 10K

1000-2 2 I1012 SM_DETECT1

1000-1 1 I1013 SM_RESET1

1000-8 8 I1015 SM_VCC1

3011 0R 3012 0R OPTION

I1019 SM_CLK

1000-3 3

I1016

I1018

1000-9 9 I1020 SM_C4

1000-10 10 I1023 SM_C8

1000-7 7 I1025 SM_IO

1000-11 11 I1027 RXD_SC

1000-12 12 I1028 TXD_SC

1 2 3 4 5 6 7 8 9

A B C D E F

M5 WIZJA
3104 123 4222

1000-1 D1
1000-10 E1
1000-11 F1
1000-12 F1
1000-2 D1
1000-3 D1
1000-4 C1
1000-5 C1
1000-6 C1
1000-7 E1
1000-8 D1
1000-9 E1
1001-1 B9
1001-21 C9
2000 C4
2001 C5
2002 C1
2003 C5
2004 C1
2005 C6
2006 D6
2007 F8
2008 D9
3000 B6
3001 C2
3002 C2
3003 C3
3004 C3
3005 C3
3010 D4
3011 D2
3012 D2
3013 B7
3014 E8
3015 C7
3999 A2
5000 B4
5001 B4
6000 B6
6001 B6
7000 C4
7999 A2
I100 B6
I101 B8
I1010 D4
I1011 D7
I1012 D1
I1013 D1
I1014 D7
I1015 D1
I1016 D4
I1017 D7
I1018 D3
I1019 D1
I102 B1
I1020 E1
I1021 E7
I1022 E9
I1023 E1
I1024 E7
I1025 E1
I1026 E7
I1027 F1
I1028 F1
I103 C1
I104 C4
I105 C4
I106 C5
I107 C5
I108 C1
I109 C5

STR_CON,DSR_CON,TXD_CON,RXD_CON,CTS,RTS,TXD2,RXD2,24V_PROG,SLAVERES,WD_KICK,WATCH_DOG,EXT_RELAY,EXT_RESET,RWN,BE0N,BE1N,SIZ0N,SIZ1N,CS0N,CSFL1N,CSFL2N,CS4N,CS5N,RDN,WRN,IRQ_POWER_FAILN,BE2N,BE3N,ALE,GPIO42_RES,GPIO43_RES,IRQ_EXT,GPIO46_RES,IRQ_FLSH_BSRD,SYSRESN,ACKN,CSROMN

1 2 8

EBUS

(AD(0:31),ADR(0:7))

TO/FROM FRONT END PCB

1002 EH-B

+33V, +24V, +8V, +5V, +3V3

2042 100n, 2043 100n, 2044 100n, 2045 100n, 2046 100n, 2047 100n

I064 AD(8) … I068-37, AD(9) … I068-39, AD(10) … I068-41, AD(11) … I068-43, AD(12) … I068-45, AD(13) … I068-47, AD(14) … I068-49, AD(15) … I068-51, AD(7) … I068-38, AD(6) … I068-36, AD(5) … I068-34, AD(16) … I068-33, AD(4) … I068-32, AD(17) … I068-31, AD(2) … I068-30, AD(18) … I068-29, AD(3) … I068-28, AD(19) … I068-27, AD(1) … I068-26, AD(20) … I068-25, AD(0) … I068-24, AD(21) … I068-23, AD(22) … I068-21, AD(23) … I068-19, AD(24) … I068-15, AD(25) … I068-13, AD(26) … I068-11, AD(27) … I068-9, AD(28) … I068-7, AD(29) … I068-5, AD(30) … I068-3, AD(31) … I068-1

ADR(0) … I068-22, ADR(1) … I068-20, ADR(2) … I068-18, ADR(3) … I068-16, ADR(4) … I068-14, ADR(5) … I068-12, ADR(6) … I068-10, ADR(7) … I068-8

+5V … I068-72, +5V … I068-60, +5V … I068-53, +3V3 … I068-17, +3V3 … I068-46, +5V … I068-66, +5V … I068-6, +3V3 … I068-4, +5V … I068-2

SYSRESN … I068-48, IRQ_EXT … I068-55, GPIO43_RES … I068-62, CSROMN … I068-69, IRQ_FLSH_BSRD … I068-71, ALE … I068-35, GPIO42_RES … I068-40, RDN … I068-42, WRN … I068-44, ACKN … I068-50, BE0N … I068-52, BE1N … I068-54, BE2N … I068-56, CS0N … I068-57, BE3N … I068-58, CSFL1N … I068-59, CSFL2N … I068-61, IRQ_POWER_FAILN … I068-63, EXT_RESET … I068-64, CS4N … I068-65, CS5N … I068-67, SIZ0N … I068-68, SIZ1N … I068-70, I068-76, I068-77

EXT CONNECTOR NOT MOUNTED

FROM SUPPLY PCB

1001 EH-B

I034 5002 I035 IRQ_POWER_FAILN

BAT254 6000, BAT254 6001

I039 5003 I040 +33V; I042 5004 I043 +8V; I044 5005 I045 +24V; I046 5006 I047 -5V; I049 5007 I050 +12V; I052 5008 I053 +5V; I054 5009; I057 5011 I058; I059 5012 I060 +3V3

2024 1000u, 2025 1000u

1999 MECH-HOLE

2030 100n, 2031 100n, 2032 100n, 2033 100n, 2034 100n, 2035 100n, 2036 100n, 2037 100n, 2038 100n, 2039 100n

PROCESS CHIPS

3999, 7999 3C847C

24V_PROG

I010 1102 1 3001 0R OPTION 3000 0R

+5V_IO

7000 ST232/ADM202

Vcc, V+ 0V+ OT 2V+ VOLTAGE DOUBLER, V- 0V- OT 0V+ VOLTAGE INVERTER

2001 100n, 2003 100n, 2000 100n, 2002 100n, 2004 100n, 2005 100n

I011 I012 OPTION

+5V 5000 +5V_IO

OPTION 3007 0R

I016 STR_CON, I018 DSR_CON, I017 * OPTION 3010 0R 3012 0R, I019 * OPTION 3015 0R 3017 0R

T1in, T2in, R1out, R2out, T1out, T2out, R1in, R2in, GND

3018 10K

OPTION FOR DSX3150

+5V_IO

7002 ST232/ADM202

2010 100n, 2012 100n, 2009 100n, 2011 100n, 2013 100n, 2014 100n

I026

TXD_CON I030, RTS I032, RXD_CON I036, CTS I041

3034 0R, I031, * OPTION 3035 0R, * OPTION 3038 0R, 3041 0R, * OPTION 3044 0R, 3046 0R, I033, I037, I038, 3049 0R, * OPTION 3050 0R

3052 2K2, 3053 1K +5V_IO

10K 3042 OPTION

1003 SUB-D

I020 … I029, 3024 0R I104, 1 … 11

2015 1n … 2022 1n

RS232

TXD2 I048 3058 100R I100; RXD2 I051 3059 100R I101

SLAVERES I056 3060 100R I102, +5V 100MHZ 5010, I055

2026 1n, 2027 10, 2028 1n, 2029 1n

WD_KICK I060 3061 100R I103; WATCH_DOG I061 100R

3057 100R ONLY USED FOR DSX3150 OPTION

2047 1n, 2040 1n, 2041 1n

1005 TO DISPLAY PCB

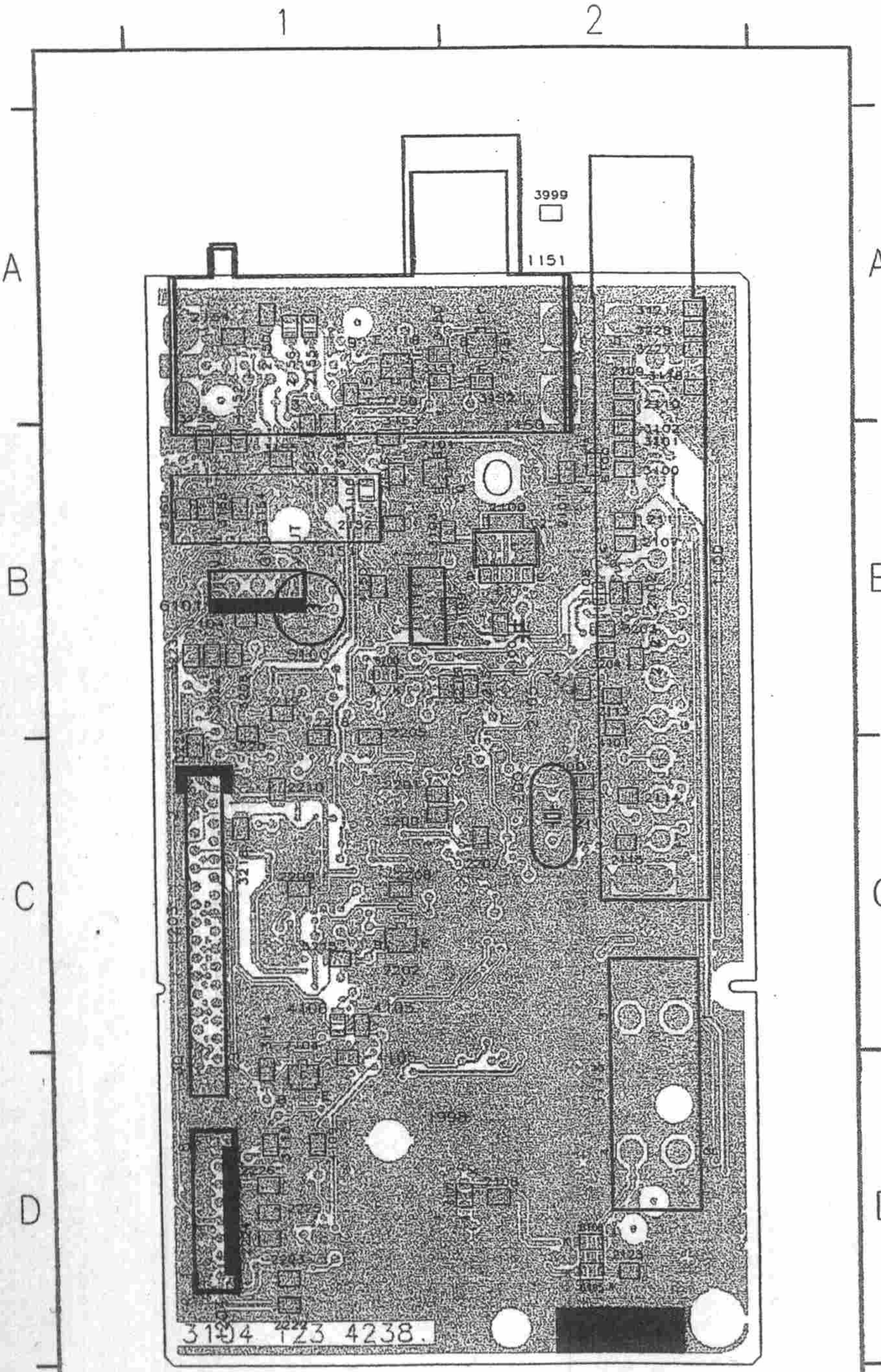
EXT_RELAY I062 3054 +3V3 1K, I063 3055 10K, 7003 BC847B, 3056 10K

1006-1, 1006-2

ONLY USED FOR DSX 3150

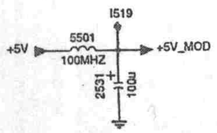
U1 H12	I030 E8	I068-9 E4
1000 B4	I031 E10	I069 B4
1001 G2	I032 F8	I070 B4
1002 B1	I033 F10	I071 B4
1003 C13	I034 F3	I072 B4
1005 G13	I035 F5	I073 B4
1006-1 I13	I036 F9	I074 B4
1006-2 I13	I037 F10	I075 C4
1102 A11	I038 F10	I076 C4
1999 I2	I039 G3	I077 C3
2000 A10	I040 G4	I078 C4
2001 A8	I041 F8	I079 C4
2002 A10	I042 G3	I080 C4
2003 A8	I043 G4	I081 C4
2004 B10	I044 G3	I082 D4
2005 B10	I045 G4	I083 D4
2009 D10	I046 G3	I084 D4
2010 D8	I047 G4	I085 D4
2011 D10	I048 G11	I086 D4
2012 D8	I049 H3	I087 D4
2013 E10	I050 H4	I088 D4
2014 E10	I051 G11	I089 E4
2015 E12	I052 H3	I090 E4
2016 E12	I053 H4	I091 E4
2017 E12	I054 H3	I092 E4
2018 E12	I055 G12	I093 E4
2019 E12	I056 G11	I094 E4
2020 E12	I057 H3	I095 E4
2021 E13	I058 H4	I096 A7
2022 E13	I059 H3	I097 B7
2024 H4	I060 H11	I098 B7
2025 H4	I061 H11	I099 C7
2026 H11	I062 I11	I100 G12
2027 H12	I063 I9	I101 G12
2028 H12	I064 A4	I102 G11
2029 H12	I065 A4	I103 H12
2030 I2	I066 A4	I104 D13
2031 I2	I067 A4	
2032 I3	I068-1 F4	
2033 I3	I068-10 B6	
2034 I3	I068-11 E4	
2035 I3	I068-12 B6	
2036 I3	I068-13 E4	
2037 I3	I068-14 B6	
2038 I3	I068-15 E4	
2039 I4	I068-16 B6	
2040 H12	I068-17 C6	
2041 H12	I068-18 A6	
2042 D2	I068-19 D4	
2043 D2	I068-2 C5	
2044 D2	I068-20 A6	
2045 D2	I068-21 D4	
2046 D3	I068-22 A6	
2047 H11	I068-23 D4	
3000 A12	I068-24 D4	
3001 A11	I068-25 D4	
3007 B12	I068-26 D4	
3010 B11	I068-27 D4	
3012 B11	I068-28 C4	
3015 C11	I068-29 C4	
3017 C11	I068-3 E4	
3018 C8	I068-30 C4	
3024 D12	I068-31 C4	
3034 E11	I068-32 C4	
3035 E11	I068-33 C4	
3038 E11	I068-34 C4	
3041 F11	I068-35 B7	
3044 F11	I068-36 B4	
3046 F11	I068-37 A4	
3049 F11	I068-38 B4	
3050 F11	I068-39 A4	
3052 F10	I068-4 C5	
3053 F10	I068-40 B7	
3054 I10	I068-41 A4	
3055 I9	I068-42 B7	
3056 I10	I068-43 B4	
3057 H11	I068-44 B7	
3058 G11	I068-45 B4	
3059 G11	I068-46 C5	
3060 G11	I068-47 B4	
3061 H11	I068-48 A7	
3062 F8	I068-49 B4	
3999 I8	I068-5 E4	
5000 A11	I068-50 B7	
5002 F4	I068-51 B4	
5003 G4	I068-52 C7	
5004 G4	I068-53 C6	
5005 G4	I068-54 C7	
5006 G4	I068-55 A7	
5007 H4	I068-56 C7	
5008 H4	I068-57 C7	
5009 H4	I068-58 C7	
5010 H11	I068-59 C7	
5011 H4	I068-6 C5	
5012 H4	I068-60 B6	
6000 F4	I068-61 C7	
6001 G4	I068-62 A7	
7000 A10	I068-63 D7	
7002 D10	I068-64 D7	
7003 I10	I068-65 D7	
7999 I7	I068-66 C5	
I010 A11	I068-67 D7	
I011 A10	I068-68 D7	
I012 A10	I068-69 B7	
I016 B8	I068-7 E4	
I017 B11	I068-70 D7	
I018 C8	I068-71 B7	
I019 C11	I068-72 B6	
I020 C12	I068-73 D6	
I021 D12	I068-74 D6	
I022 D12	I068-75 D6	
I023 D12	I068-76 D7	
I025 D13	I068-77 E7	
I026 D10	I068-78 D6	
I027 D13	I068-79 D6	
I028 D13	I068-8 B5	
I029 D13	I068-80 D6	

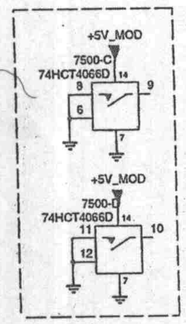
FRONTEND PCB BOTTOM VIEW

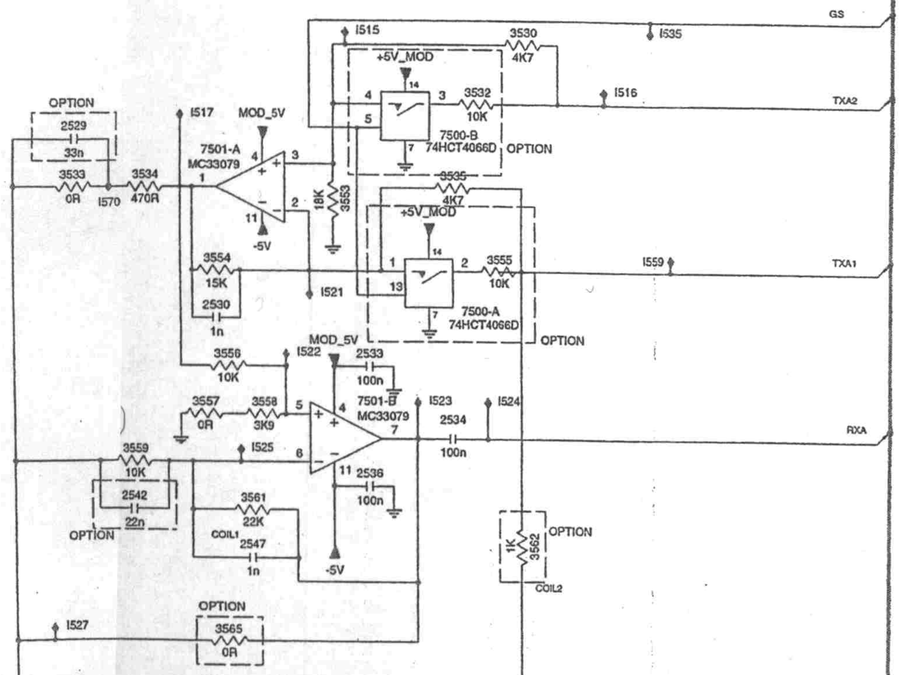


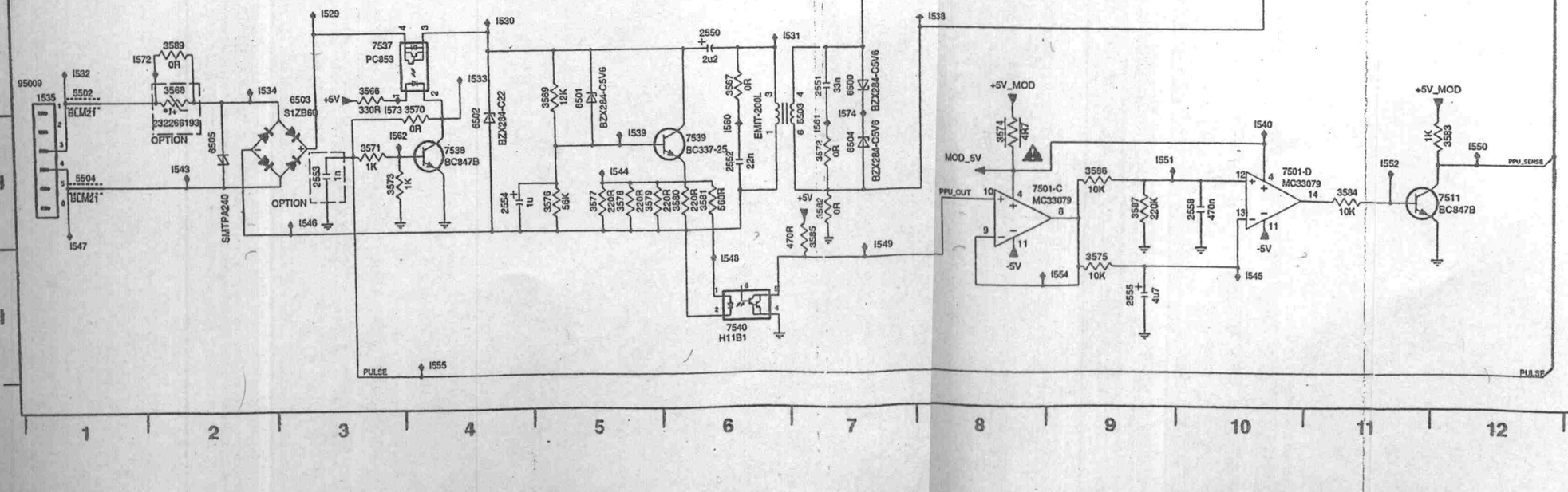
2101	B2	3999	A2
2102	B2	4100	B2
2104	B1	4101	C2
2107	B2	4103	C1
2108	D2	4105	D1
2109	A2	4106	C1
2110	A2	4109	D1
2111	B2	4150	B1
2112	B2	4151	A1
2113	B2	4152	A1
2114	C2	4199	B2
2115	C2	6100	B2
2116	B1	6105	D2
2123	D2	6106	D2
2150	A1	6107	D1
2152	B1	6200	B1
2154	A1	7100	B2
2155	A1	7101	B1
2156	A1	7104	C1
2200	C2	7150	A1
2201	C1	7151	A2
2205	B1	7202	C1
2207	C2		
2208	C1		
2209	C1		
2210	C1		
2211	C2		
2213	B2		
2215	B2		
2216	B2		
2218	B1		
2222	D1		
2223	D1		
2224	D1		
2225	D1		
2226	D1		
3100	B2		
3101	B2		
3102	B2		
3103	B1		
3106	B1		
3107	B2		
3108	B2		
3114	C1		
3115	D1		
3118	A2		
3121	A2		
3150	A1		
3151	A1		
3152	A2		
3153	A1		
3154	B1		
3155	B1		
3156	B1		
3157	B1		
3158	B1		
3159	A1		
3160	B1		
3200	C1		
3203	B2		
3204	B2		
3206	C1		
3208	B1		
3215	C1		
3218	C1		
3219	B1		
3220	C1		
3222	B1		
3223	B1		
3224	C1		
3227	A2		
3228	A2		

5 MODEM DAA

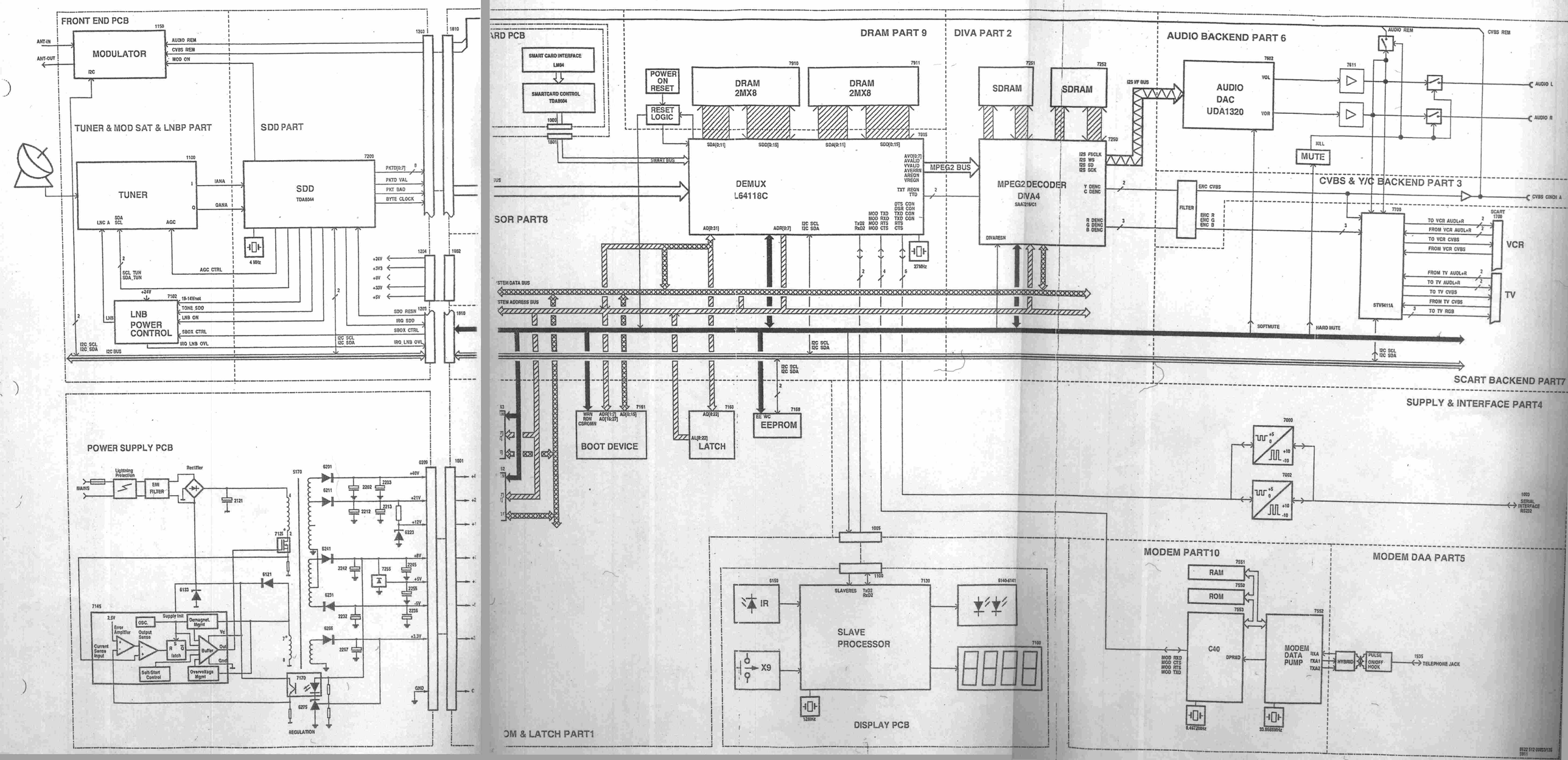








1535 G1
2529 C7
2530 D8
2531 D3
2533 E9
2534 E10
2536 E9
2542 E8
2547 F9
2550 G6
2551 G7
2552 H6
2553 H3
2554 H4
2555 I9
2558 H10
3530 C10
3532 C10
3533 D7
3534 D8
3535 D10
3553 D9
3554 D8
3555 D10
3556 E8
3557 E8
3558 E9
3559 E8
3561 F9
3562 F10
3565 F8
3566 G3
3567 G8
3568 G2
3569 G5
3570 H4
3571 H3
3572 H7
3573 H3
3574 H8
3575 I9
3576 H5
3577 H5
3578 H5
3579 H5
3580 H6
3581 H6
3582 H7
3583 H12
3584 H11
3585 H7
3586 H9
3587 H9
3589 G2
5501 D3
5502 G1
5503 H7
5504 H1
6500 G7
6501 G5
6502 H4
6503 G3
6504 H7
6505 H2
7500-A D10
7500-B C10
7500-C E3
7500-D F3
7501-A C8
7501-B E9
7501-C H8
7501-D H10
7511 H12
7537 G3
7538 H4
7539 H8
7540 I6
I515 C9
I516 C11
I517 C8
I519 D3
I521 D9
I522 E9
I523 E10
I524 E10
I525 E9
I527 F7
I529 G3
I530 G4
I531 G7
I532 G1
I533 G4
I534 G2
I535 C11
I538 G8
I539 H5
I540 H10
I543 H2
I544 H5
I545 I10
I546 H3
I547 H1
I548 I6
I549 I7
I550 H12
I551 H9
I552 H11
I554 I9
I555 I4
I559 D11
I560 H6
I561 H7
I562 H3
I570 D8
I572 G2
I573 G3
I574 H7


FRONT END PCB
ANT-IN
ANT-OUT
MODULATOR
1150
AUDIO REM
CVBS REM
MOD ON
I2C
TUNER & MOD SAT & LNBP PART
SDD PART
TUNER
1100
LNC A
SDA
SCL
AGC
IANA
QANA
SDD
TDA8044
7200
PKTD[0:7]
PKTD VAL
PKT DAD
BYTE CLOCK
4 MHz
SCL TUN
SDA_TUN
AGC CTRL
+24V
LNB
POWER
CONTROL
7102
18-14V/not
TONE SDO
LNB ON
SBOX CTRL
IRQ LNB OVL
I2C SCL
I2C SDA
I2C BUS
1203
1810
1204
1002
+24V
+3V3
+8V
+33V
+5V
SDO RESN
IRQ SDD
SBOX CTRL
IRQ LNB OVL
1205
1910
POWER SUPPLY PCB
MAINS
Lightning Protection
EMI FILTER
Rectifier
2121
7125
5170
6121
6133
7145
2.5V
Error Amplifier
OSC.
Supply Init
Demagnet. Mgmt
Output Sense
Current Sense Input
S
R
latch
Buffer
Vcc
Out
Gnd
Soft-Start Control
Overvoltage Mgmt
6201
6211
6241
6231
6206
2202
2203
2212
2213
2242
2232
2257
7255
2245
2255
2235
6223
+40V
+21V
+12V
+8V
+5V
-5V
+3.3V
GND
7170
6275
REGULATION
0209
1001
ARD PCB
SMART CARD INTERFACE
LM04
SMARTCARD CONTROL
TDA8004
1000
1801
SMART BUS
POWER ON RESET
RESET LOGIC
DRAM PART 9
DRAM 2MX8
7910
7911
SDA[0:11]
SDD[0:15]
DEMUX
L64118C
7005
AVO[0:7]
AVALID
VVALID
AVERIN
AREQN
VREQN
TXT_REQN
TTD
MOD TXD
MOD RXD
MOD RTS
MOD CTS
DTS CON
DSR CON
TXD CON
RXD CON
RTS
CTS
TxD2
RxD2
AD[0:31]
ADR[0:7]
I2C SCL
I2C SDA
27MHz
SOR PART8
STEM DATA BUS
STEM ADDRESS BUS
DIVA PART 2
MPEG2 BUS
SDRAM
7251
7252
MPEG2 DECODER
DIVA4
SAA7216/C1
DIVARESN
I2S FSCLK
I2S WS
I2S SD
I2S SCK
I2S VF BUS
7250
Y DENC
C DENC
R DENC
G DENC
B DENC
AUDIO BACKEND PART 6
AUDIO DAC
UDA1320
7602
VOL
VOR
7611
AUDIO REM
CVBS REM
AUDIO L
AUDIO R
MUTE
CVBS & Y/C BACKEND PART 3
ENC CVBS
FILTER
ERC R
ENC G
ENC B
7700
STV5411A
TO VCR AUDL+R
FROM VCR AUDL+R
TO VCR CVBS
FROM VCR CVBS
FROM TV AUDL+R
TO TV AUDL+R
TO TV CVBS
FROM TV CVBS
TO TV RGB
SCART 1700
VCR
TV
CVBS CINCH A
SOFTMUTE
HARD MUTE
SCART BACKEND PART7
SUPPLY & INTERFACE PART4
7000
7002
1003
SERIAL INTERFACE RS232
BOOT DEVICE
7161
WAN
RON
OSROMIN
AD[0:15]
AD[16:27]
LATCH
7160
AD[8:23]
AL[8:22]
EEPROM
7169
EE WC
1025
1100
SLAVERES
TxD2
RxD2
IR
6150
X9
SLAVE PROCESSOR
7130
6140-6141
7100
12MHz
DISPLAY PCB
OM & LATCH PART1
MODEM PART10
MODEM DAA PART5
RAM
7551
ROM
7550
C40
7553
DPRXD
MOD RXD
MOD CTS
MOD RTS
MOD TXD
MODEM DATA PUMP
7552
TXA
TXA1
TXA2
HYBRID
PULSE
ON/OFF HOOK
1535
TELEPHONE JACK
8.4472MHz
33.8688MHz

6 AUDIO BACKEND

8 SYSTEM CONTROL BUS (HARD_MUTE,SOFT_MUTE)

2 I2S BUS (I2S_WS,I2S_SD,I2S_SCK,I2S_FSCLK)

7602 UDA1320ATS/N2 — DIGITAL INTERFACE, CONTROL INTERFACE, VOLUME/MUTE/DE-EMPHASIS, INTERPOLATION, NOISE SHAPER, DAC, DAC

7 ENC_R_AUDIO

7 ENC_L_AUDIO

8 TO FRONT END / AUDIO_REM

HARD_MUTE

SOFT_MUTE

RIGHT

LEFT

OPTION

7611-8 LM833D

7611-A LM833D

1600-6 YKC21-3930-3864 R_CINCH

1600-5 YKC21-3930-3864

1600-3 YKC21-3930-3864

1600-4 YKC21-3930-3864 L_CINCH

7600 BC817-25

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7603 BC817-25

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7607 BC817-25

7608 BC817-25

7609 BC817-25

7610 BC847B

7612 BC847B

PB MAIN 4237 M5

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1600-4 G12
1600-5 C11
1600-6 A12
2600 B3
2601 B3
2602 B11
2603 B4
2605 C7
2606 C11
2607 D7
2608 D4
2609 D8
2610 D2
2611 D4
2612 D8
2613 D3
2614 D6
2615 E7
2616 E10
2617 F8
2618 F8
2619 F6
2620 F11
2621 F7
2622 H11
3600 B9
3601 B6
3602 B6
3603 B10
3604 B9
3605 B9
3606 B5
3607 C5
3608 C2
3609 C9
3610 C10
3611 C9
3612 D7
3613 D6
3614 D7
3615 D9
3616 D10
3617 D7
3618 E9
3619 E11
3620 E9
3621 E10
3622 E11
3623 E10
3624 E7
3625 E6
3626 F9
3627 F7
3628 F7
3629 F10
3630 F9
3631 G9
3632 H10
3633 H9
3634 B6
3635 A6
3636 B7
3637 G6
3638 B6
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5604 F4
5605 G4
7600 B10
7601 B8
7602 B2
7603 D10
7605 E10
7606 E11
7608 F10
7609 H10
7610 B7
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7611-B D7
7612 B6
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I612 B3
I613 B3
I614 C2
I615 C2
I616 C2
I617 C2
I618 C10
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I621 D8
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I624 D10
I625 E3
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I631 F11
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I634 G11
I635 H9
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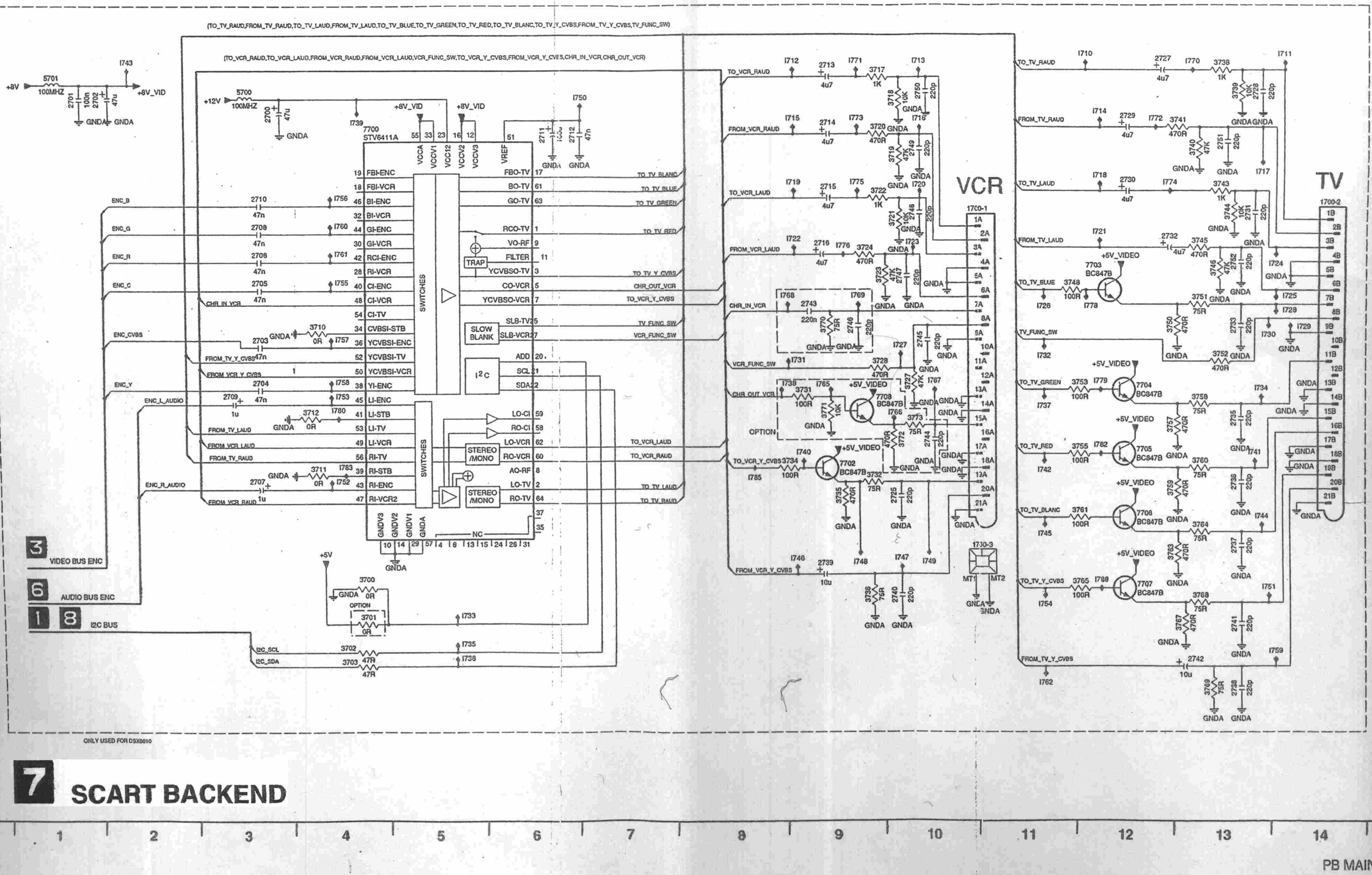
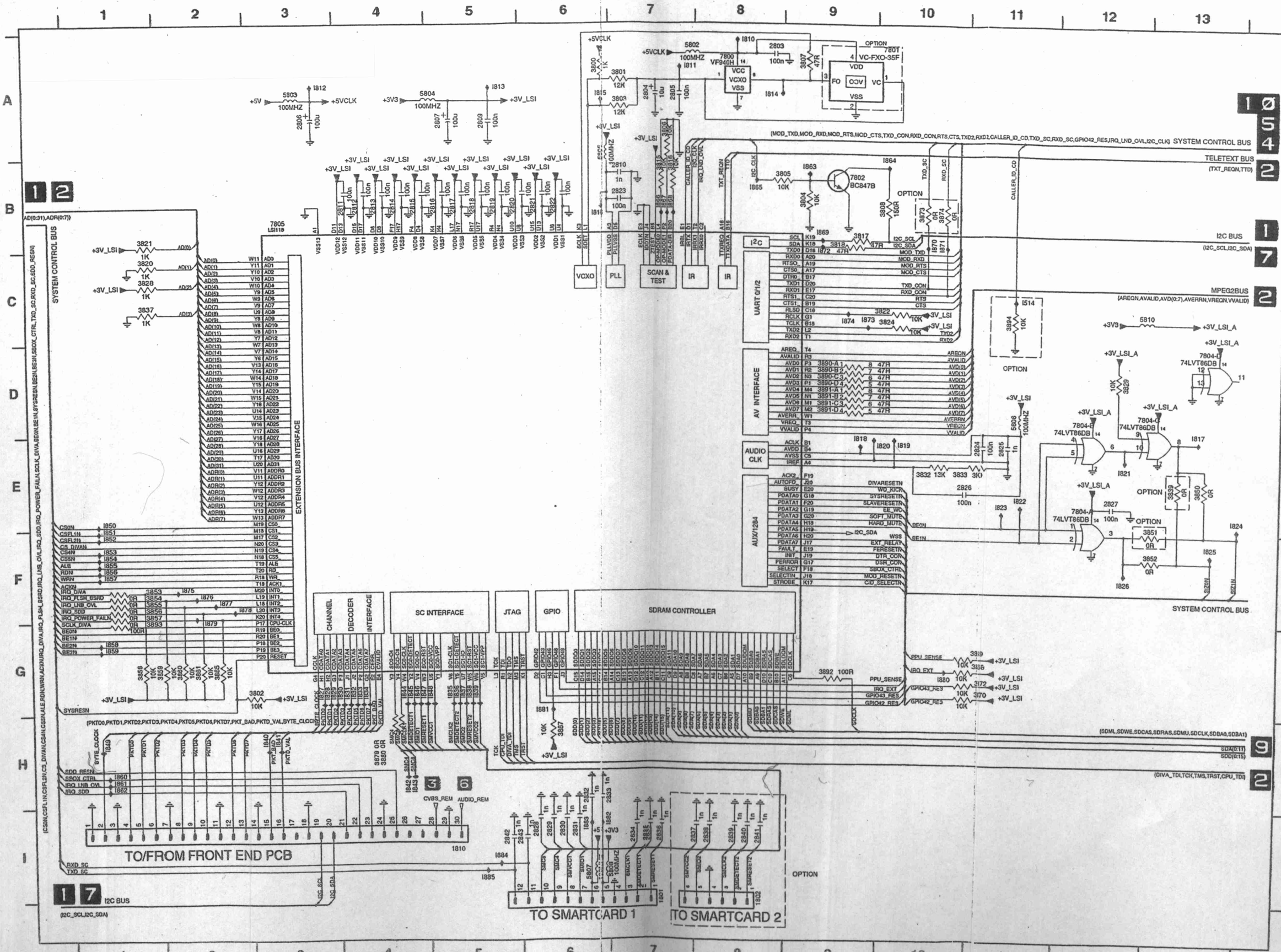
I642 A7
I643 B7
I644 B6
I645 B9
I646 C9
I647 F9
I648 H9
I649 C2
I650 E10

1700-1 C10	2704 D3	2711 B6	2727 A12	2735 E13	2742 G13	2749 B10	3703 G4	3720 B9	3731 D9	3740 B13	3750 D12	3759 E12	3768 F13	5701 A1	7707 F12	I715 B9	I722 C9	I729 D14	I736 G5	I743 A2	I750 A6	I757 D4	I766 E10	I773 B9	I782 E12
1700-2 B14	2705 C3	2712 B6	2728 A13	2736 E13	2743 D9	2750 A10	3710 D4	3721 C10	3732 E9	3741 B13	3751 C13	3760 E13	3769 G13	7700 B4	7708 D9	I716 B10	I723 C10	I730 D13	I737 E11	I744 F13	I751 F13	I758 D4	I767 D10	I774 B12	I783 E4
1700-3 F10	2706 C3	2713 A9	2729 B12	2737 F13	2744 E10	2751 B13	3711 E4	3722 B9	3734 E9	3743 B13	3752 D13	3761 F12	3770 D9	7702 E9	7710 A12	I717 B13	I724 C14	I731 D9	I738 D9	I745 F11	I752 E4	I759 G14	I768 C9	I775 B9	I785 E8
2700 B3	2707 E3	2714 B9	2730 B12	2738 G13	2745 D10	2752 C13	3712 E4	3723 C9	3735 E9	3744 C13	3753 D12	3763 F12	3771 E9	7703 C12	I711 A14	I718 B12	I725 C14	I732 D11	I739 B4	I746 F9	I753 D4	I760 C4	I769 C9	I776 C9	I788 F12
2701 A1	2708 C3	2715 B9	2731 C13	2739 F9	2746 D9	3700 F4	3717 A9	3724 C9	3736 F9	3745 C13	3755 E12	3764 F13	3772 E10	7704 D12	I712 A9	I719 B9	I726 D11	I733 G5	I740 E9	I747 F10	I754 G11	I761 C4	I770 A13	I778 D12	
2702 A2	2709 D3	2716 C9	2732 C12	2740 F10	3701 G4	3718 A10	3727 D10	3738 A13	3746 C13	3757 E12	3765 F12	3773 E10	7705 E12	I713 A10	I727 D10	I734 D13	I741 E13	I748 F9	I755 C4	I762 G11	I771 A9	I779 D12			
2703 D3	2710 B3	2725 E10	2733 D13	2741 G13	2748 C10	3702 G4	3719 B10	3728 D9	3739 A13	3748 C11	3758 D13	3767 G13	5700 A3	7706 F12	I714 B12	I721 C12	I728 D14	I735 G5	I742 E11	I749 F10	I756 B4	I765 D9	I772 B12	I780 E4	





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I810 I5	I814 A8	I825 F13	I836 G5
I2803 A8	I815 A6	I826 F12	I837 G5
I2804 A7	I816 B6	I827 G3	I838 G5
I2805 A7	I817 D13	I828 G3	I839 G5
I2806 A3	I818 E9	I829 G3	I840 H3
I2807 A5	I819 E10	I830 G3	I841 H3
I2809 A5	I820 E10	I831 G4	I842 H4
I2810 B7	I821 E12	I832 G4	I843 H4
I2811 B4	I822 E11	I833 G4	I844 G4
I2812 B4	I823 E11	I834 G4	I845 G4
I2813 B4	I824 E13	I835 G5	I846 G4
I2814 B4	I825 F13	I836 G5	I847 G4
I2815 B4	I826 F12	I837 G5	I848 G4
I2816 B5	I827 G3	I838 G5	I849 H1
I2817 B5	I828 G3	I839 G5	I850 E1
I2818 B5	I829 G3	I840 H3	I851 E1
I2819 B5	I830 G3	I841 H3	I852 F1
I2820 B5	I831 G4	I842 H4	I853 F1
I2821 B6	I832 G4	I843 H4	I854 F1
I2822 B6	I833 G4	I844 G4	I855 F1
I2823 B7	I834 G4	I845 G4	I856 F1
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I2825 E11	I836 G5	I847 G4	I858 G1
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I2831 I6	I842 H4	I853 F1	I864 B10
I2832 H6	I843 H4	I854 F1	I865 B9
I2833 H6	I844 G4	I855 F1	I867 B7
I2834 I7	I845 G4	I856 F1	I868 B7
I2835 I7	I846 G4	I857 F1	I867 B7
I2836 I7	I847 G4	I858 G1	I868 B7
I2837 I8	I848 G4	I859 G1	I869 B9
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I2843 I5	I854 F1	I865 B9	I875 F2
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I3804 B9	I859 G1	I869 B9	I880 G10
I3805 B8	I860 H1	I870 B10	I881 I6
I3806 A7	I861 H1	I871 B10	I882 I6
I3807 A9	I862 H1	I872 B9	I883 I6
I3808 B10	I863 E9	I873 C9	I884 I5
I3815 B7	I864 B10	I874 F2	I885 I5
I3816 B7	I865 B9	I875 F2	
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I3821 B1	I869 B9	I879 F2	
I3822 C10	I870 B10	I880 G10	
I3824 C10	I871 B10	I881 I6	
I3828 C1	I872 B9	I882 I6	
I3829 D12	I873 C9	I883 I6	
I3832 E10	I874 C9	I884 I5	
I3833 E10	I875 F2	I885 I5	
I3837 C1	I876 F2		
I3839 E13	I877 F2		
I3850 E13	I878 F2		
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I3852 F13	I880 G10		
I3853 F1	I881 I6		
I3854 F1	I882 I6		
I3855 F1	I883 I6		
I3856 F1	I884 I5		
I3857 F1	I885 I5		
I3858 G1			
I3859 G1			
I3860 G2			
I3861 G2			
I3865 G2			
I3867 H6			
I3868 G11			
I3869 G11			
I3870 G11			
I3872 G11			
I3873 B10			
I3874 B10			
I3879 H9			
I3880 H9			
I3890-A D9			
I3890-B D9			
I3890-C D9			
I3890-D D9			
I3891-A D9			
I3891-B D9			
I3891-C D9			
I3891-D D9			
I3892 G9			
I3893 G1			
I3894 C11			
I5802 A7			
I5803 A3			
I5804 A5			
I5805 A6			
I5806 D11			
I5807 I9			
I5808 I7			
I5810 C12			
I7800 A9			
I7801 A10			
I7802 B9			
I7804-A E12			
I7804-B D12			
I7804-C D12			
I7804-D D13			
I514 C11			
I810 A8			
I811 A7			

9 RESET & MEMORY PART

8 SDRAM DATA BUS
SDD(0:15)

8 SDRAM ADRES BUS
SDA(0:11)

8 SDRAM CONTROL BUS
(SDML,SDWE,SDCAS,SDRAS,SDMU,SDCLK,SDBA0,SDBA1)

GM72V16821DT (7910) — +3V_RAM — OPTION

GM72V16821DT (7911) — +3V_RAM

GM72V661641CT (7901) — +3V_RAM

8 SYSTEM CONTROL BUS
(SYSRESETN,SLAVERESETN,DIVARESETN,MOD_RESETN,FERESETN,SYSRESN)

10 SYSTEM CONTROL BUS
(SLAVERESN,SDD_RESN,SYSRESN,SLAVERES,DIVARESN,MODRESN,WATCH_DOG,EXT_RESET)

+5V — 5900 100MHZ — I920 — +5VRST

+3V3 — 5901 100MHZ — I910 — +3V_RAM — 2909 22u

7908-B 74HCT132D — I922 3902 10K — 7908-A 74HCT132D — I923 3904 10K — I921

FERESETN I925 — 7907-B 74HCT08D — I926 — SDD_RESN

SYSRESETN I929 — 3909 10K — 7905 BC847B — I930 — OPTION 3908 0R — 7907-A 74HCT08D — I928 — SYSRESN

SLAVERESETN I932 — 7908-C 74HCT132D — I931 — SLAVERES

DIVARESETN I933 — 7907-C 74HCT08D — I934 — DIVARESN

MOD_RESETN I935 — 7907-D 74HCT08D — I938 — MODRESN

7908-D 74HCT132D — 2907 100n — I941 — 3923 1K — 7906 BC847B — I945 — 3922 10K — I942

7902 MC33464N-.5ATR — 7903 MC33464N-4.5ATR — RESET_ IN GND NC — SKOT 1920 — 470n 2926

BAT254 6900 — I947 — I937 — WATCH_DOG — EXT_RESET

7904 BC847B — 3919 10K — I940 — TYPE — 3921 10K

1920 I8
1923 I13
2900 A3
2901 A5
2902 A3
2903 A5
2904 A3
2905 A5
2907 G10
2909 A10
2910 E4
2911 E5
2913 D10
2914 E4
2915 E5
2916 E4
2917 E5
2920 G12
2924 H7
2926 I9
2927 I7
2929 A6
2930 A6
2931 A6
2932 A8
2933 A8
2934 A8
2935 H8
2936 I8
2937 E4
3900 C3
3902 C10
3904 C11
3906 D10
3907 D10
3908 E11
3909 E10
3910 E10
3911 E9
3915 F10
3916 G10
3917 H9
3918 H3
3919 I12
3920 C6
3921 I12
3922 H10
3923 G11
3924 H10
3925 H12
5900 A10
5901 A10
6900 H12
7901 F4
7902 H7
7903 I7
7904 I11
7905 E10
7906 H11
7907-A E11
7907-B D12
7907-C F11
7907-D G11
7908-A C11
7908-B C9
7908-C E12
7908-D H9
7910 A4
7911 A7
I910 A10
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I922 C9
I923 C11
I924 C10
I925 D9
I926 D13
I927 D10
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I935 G9
I936 G13
I937 H13
I938 H8
I939 I12
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I942 H10
I943 C3
I944 C6
I945 H11
I946 H3
I947 H12